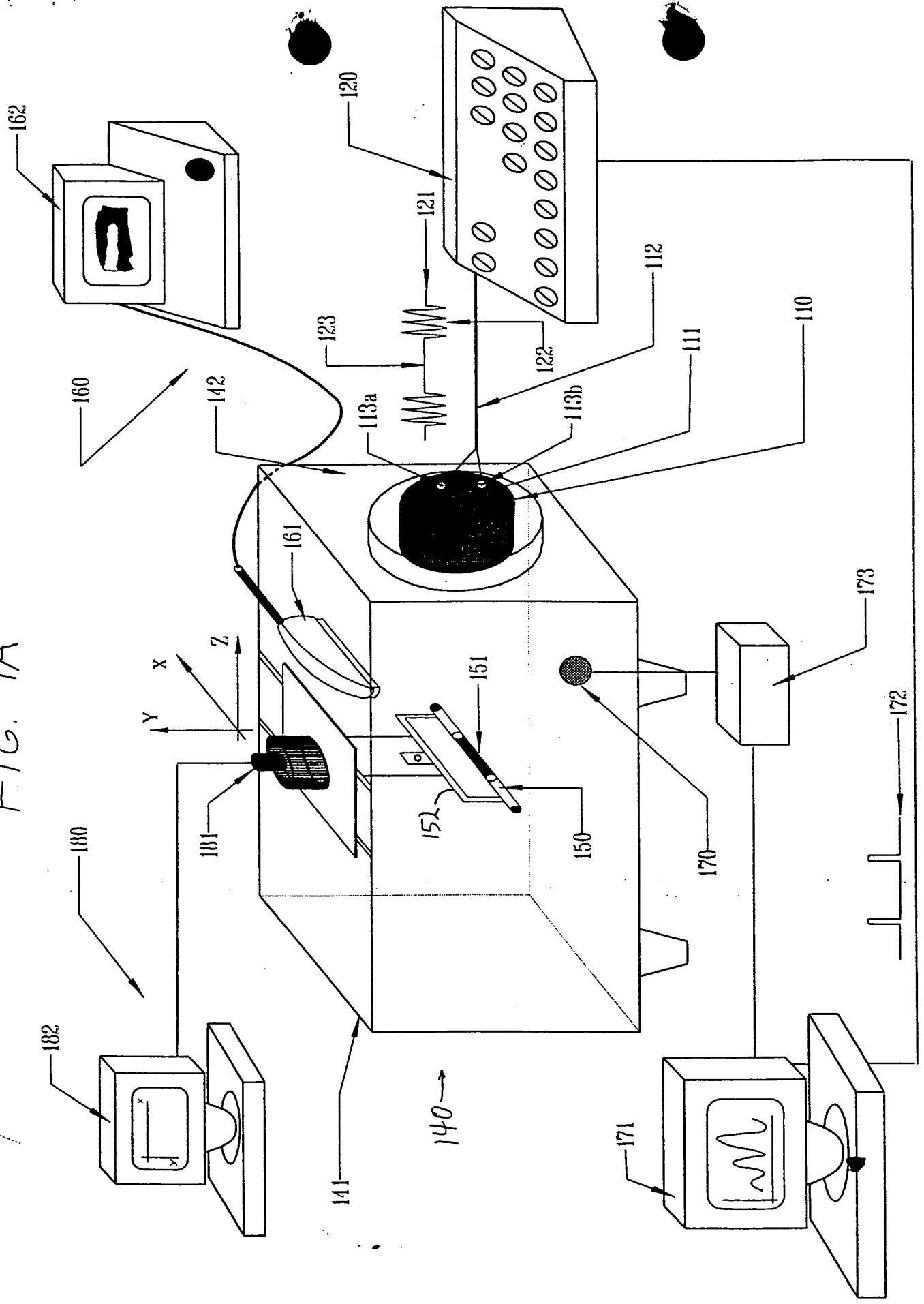
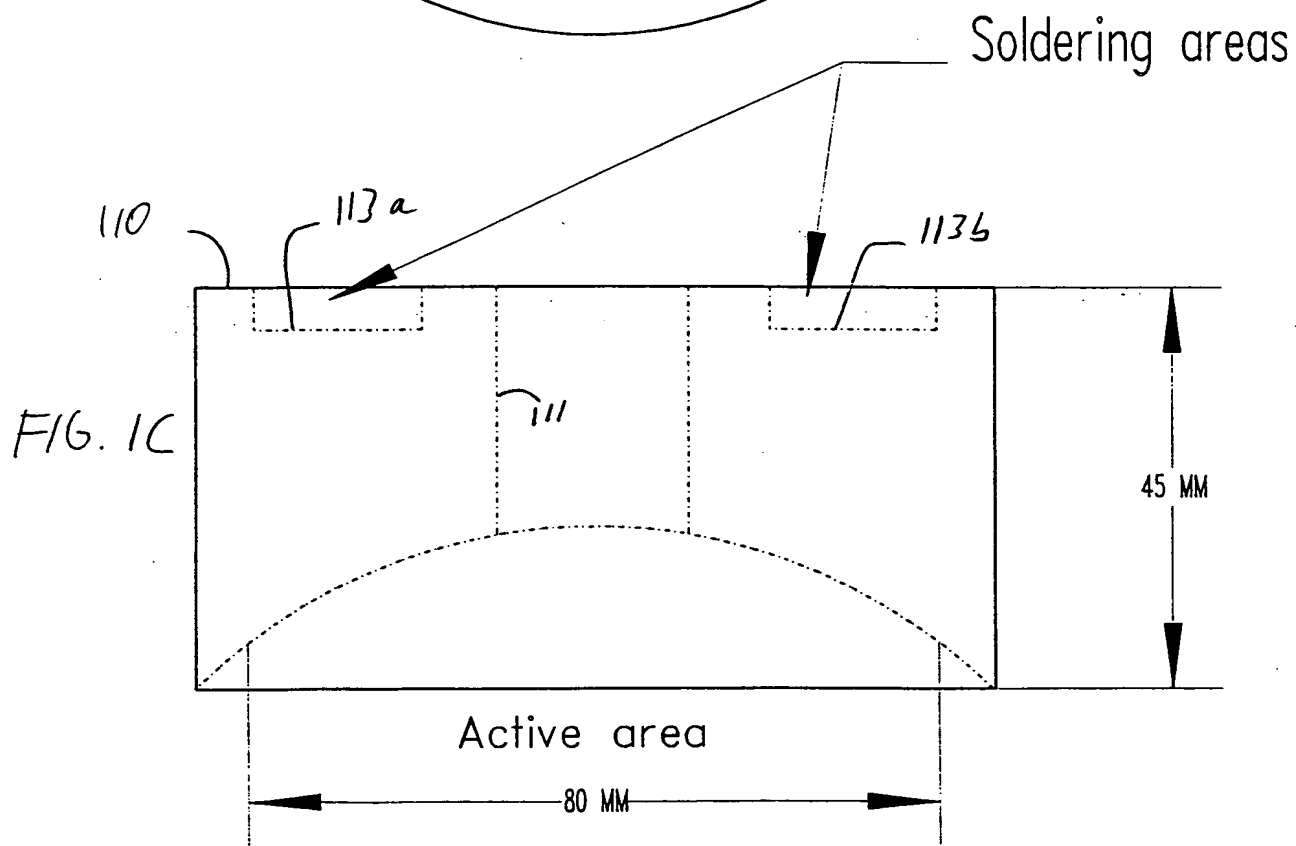
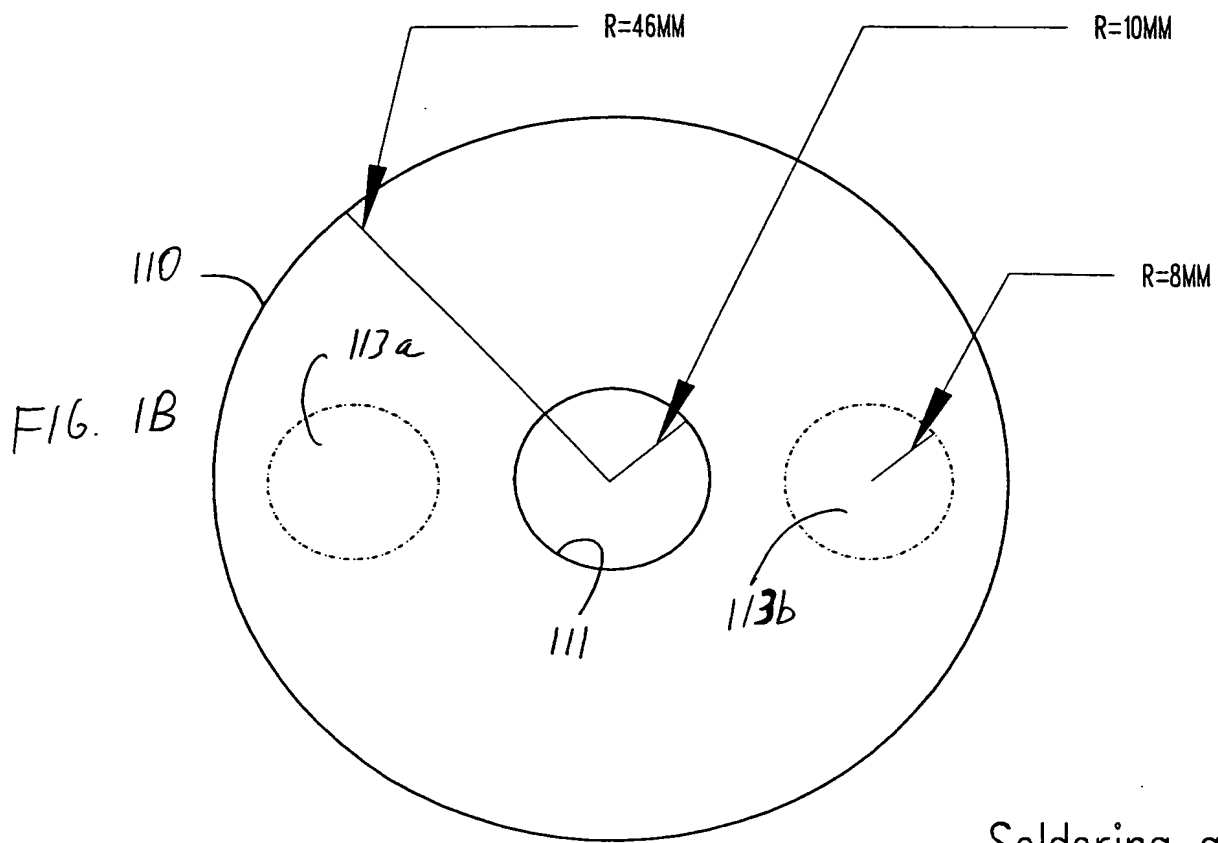


FIG. 1A





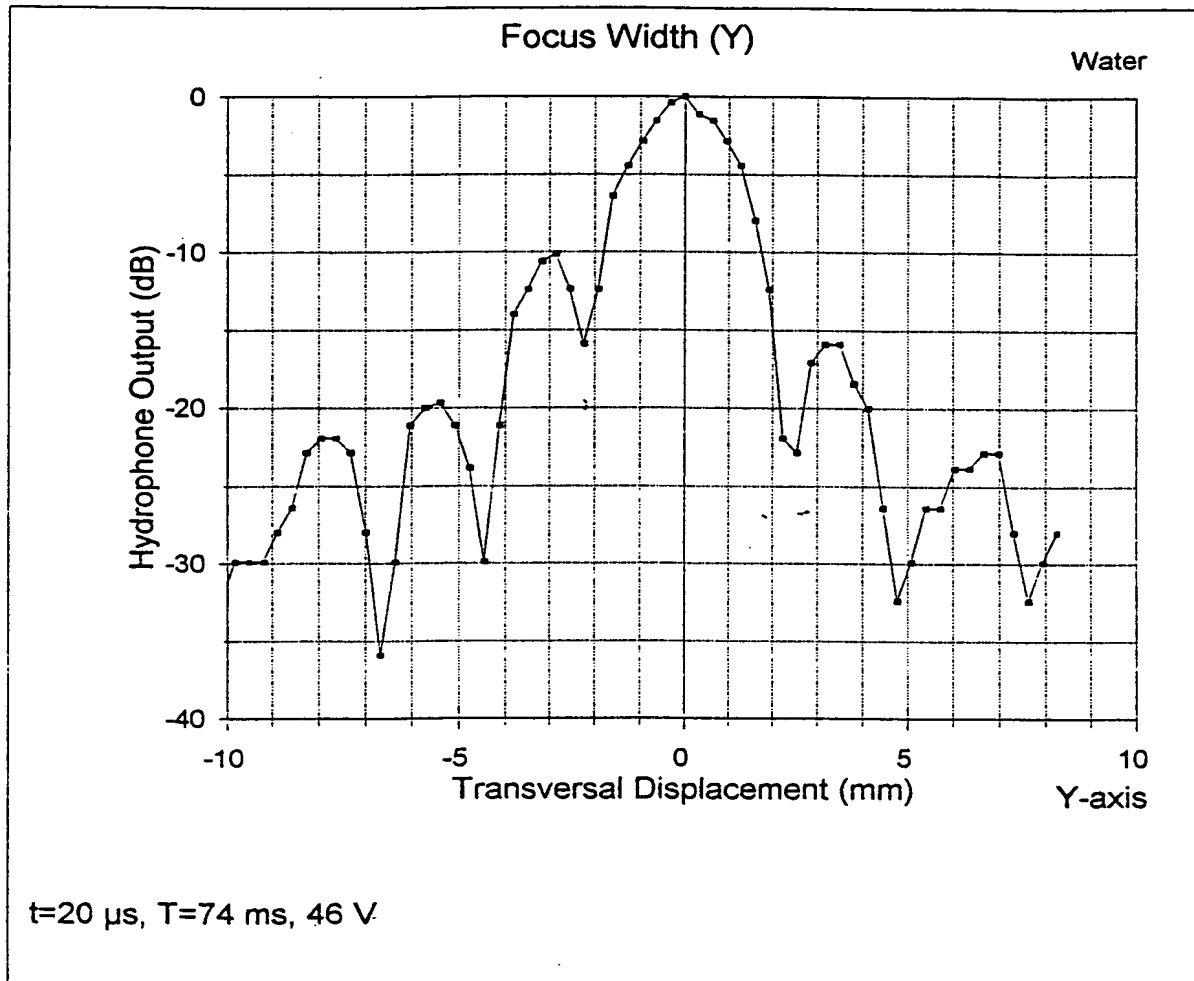


FIG. 2

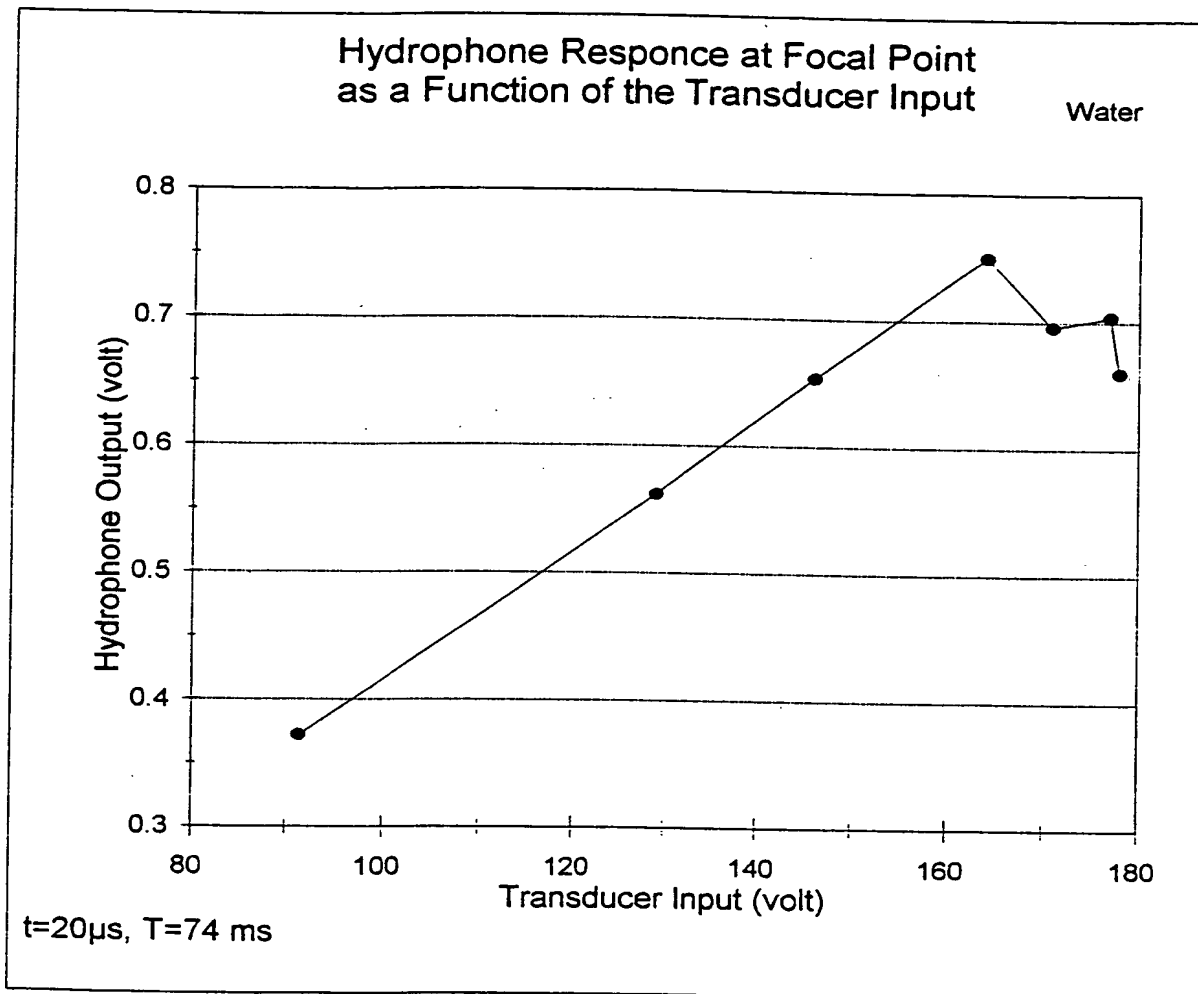
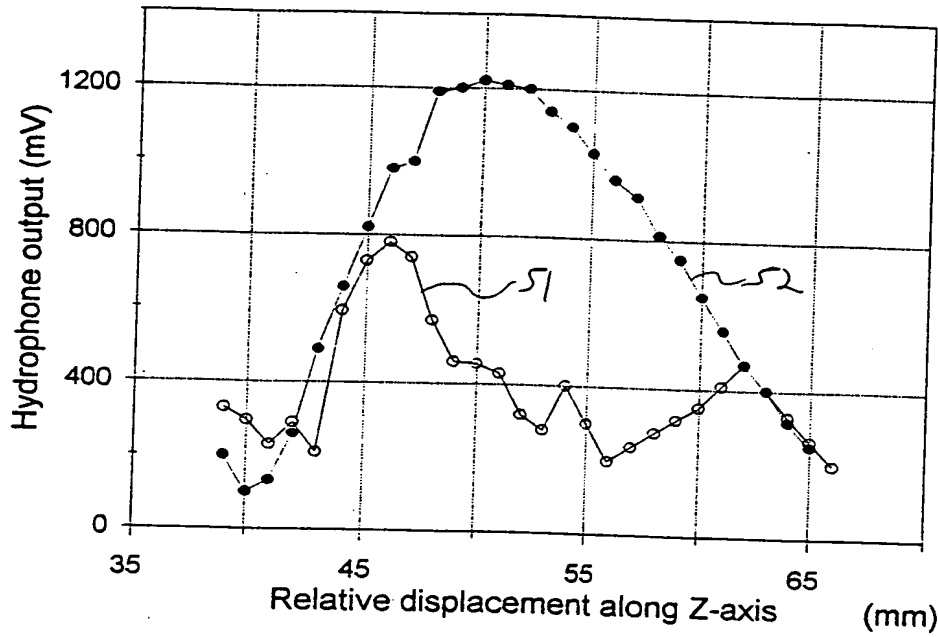


FIG. 3

Focus Depth as a Function of Pulse Duration

Water



Transd. Input=180 Volt
T=75 mS

○ $t = 1100 \mu s$ ● $t = 20 \mu s$

FIG. 4

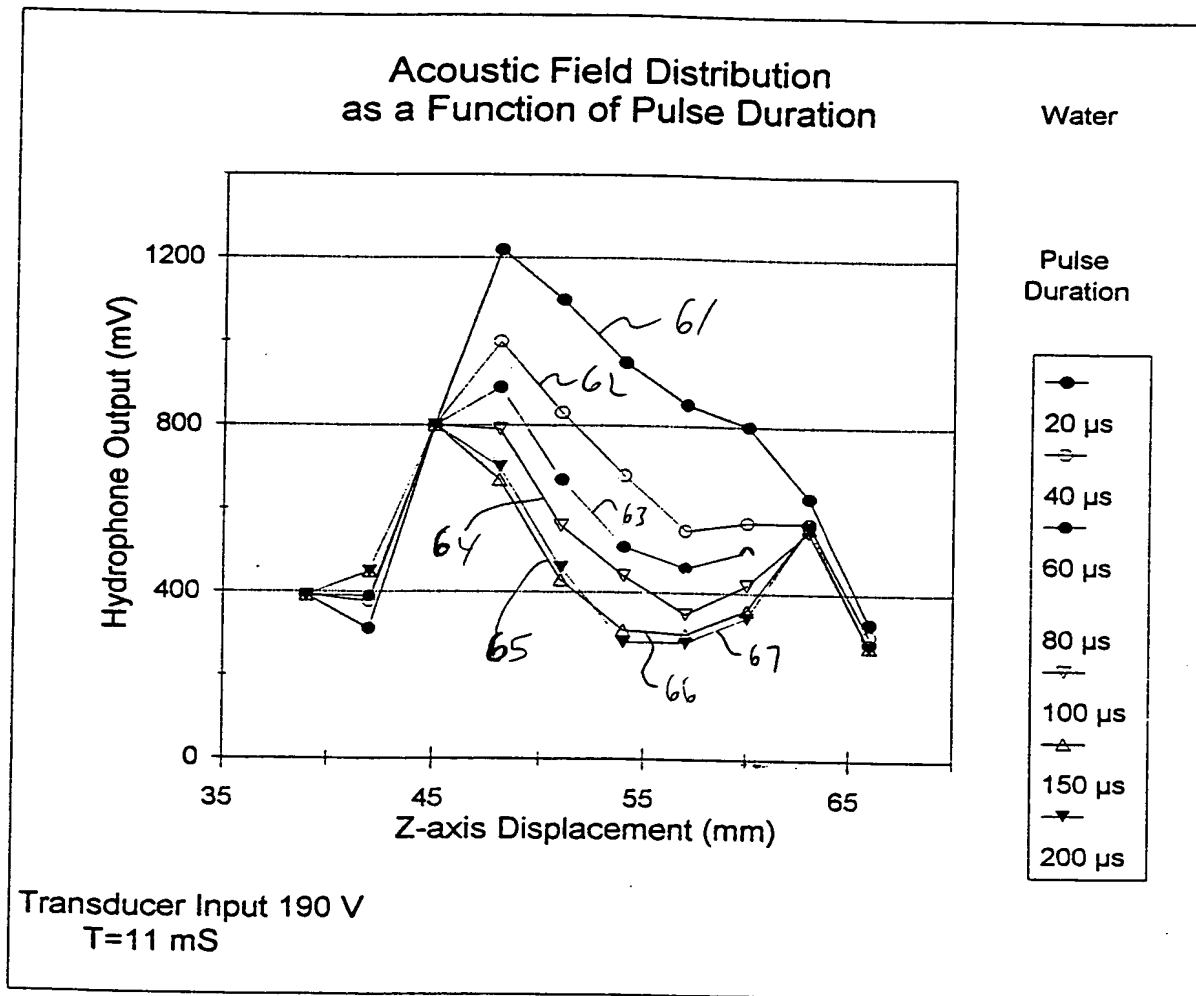


FIG. 5

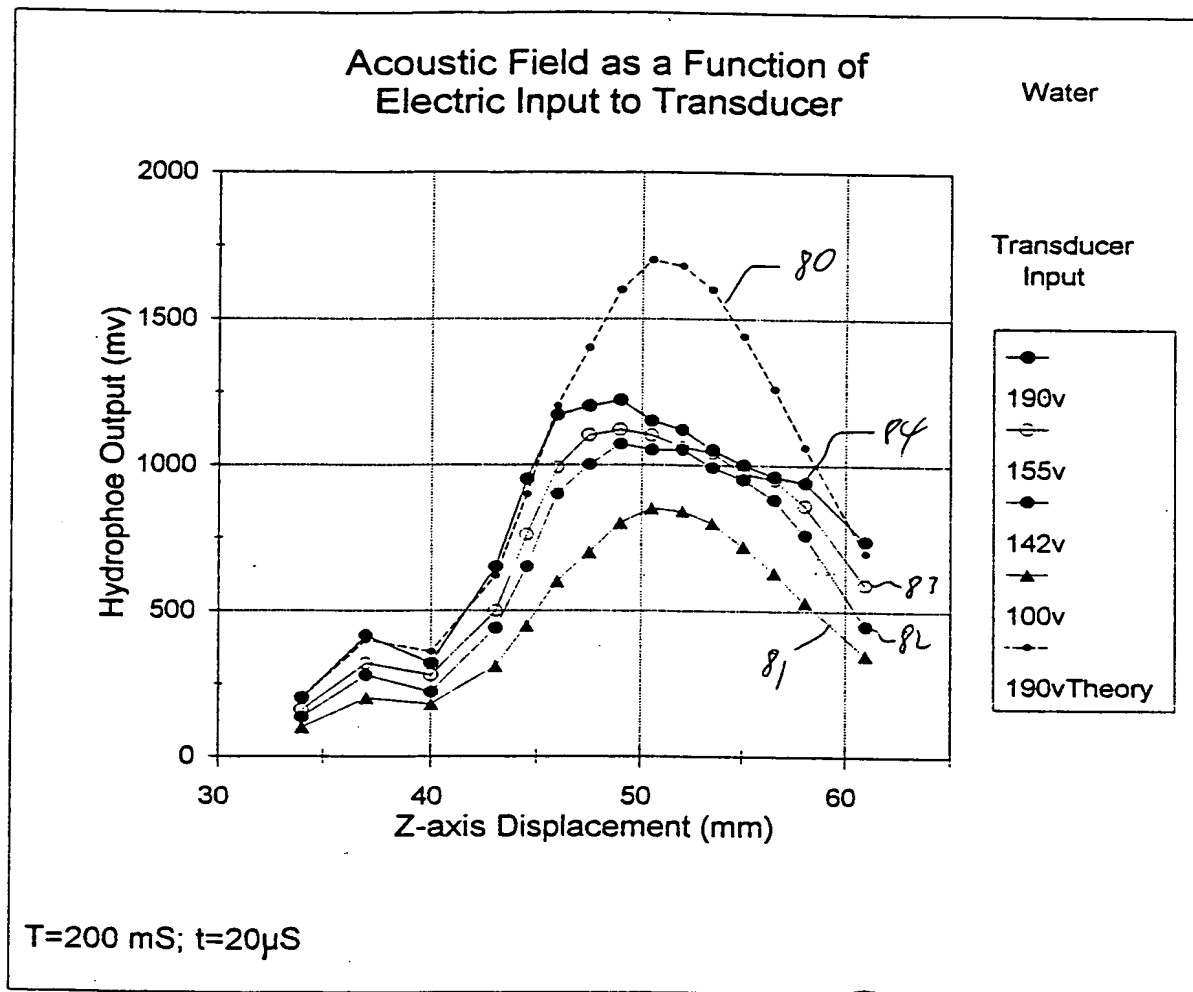
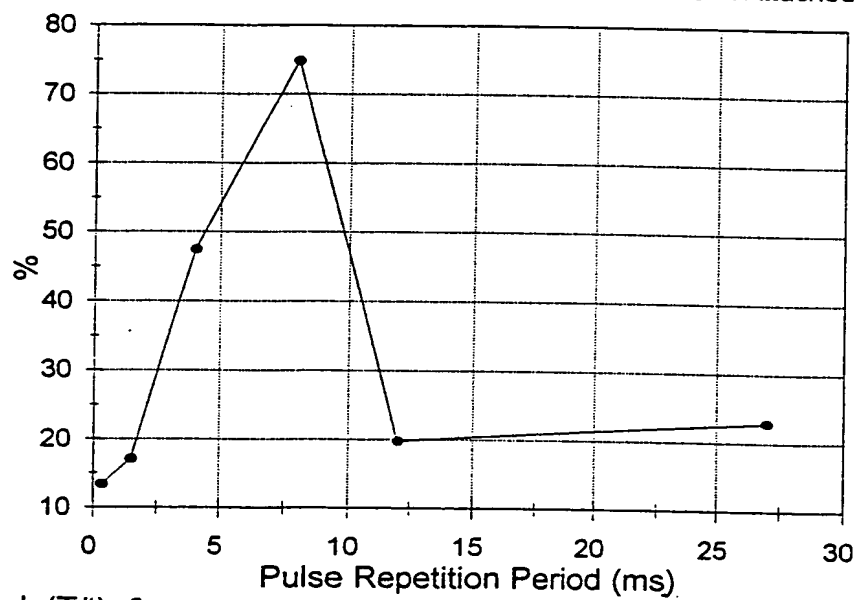


FIG. 6

Percentage of Clot Mass Dissolution
as a Function of Pulse Repetition Period

A Clot Attached to a Vessel Wall

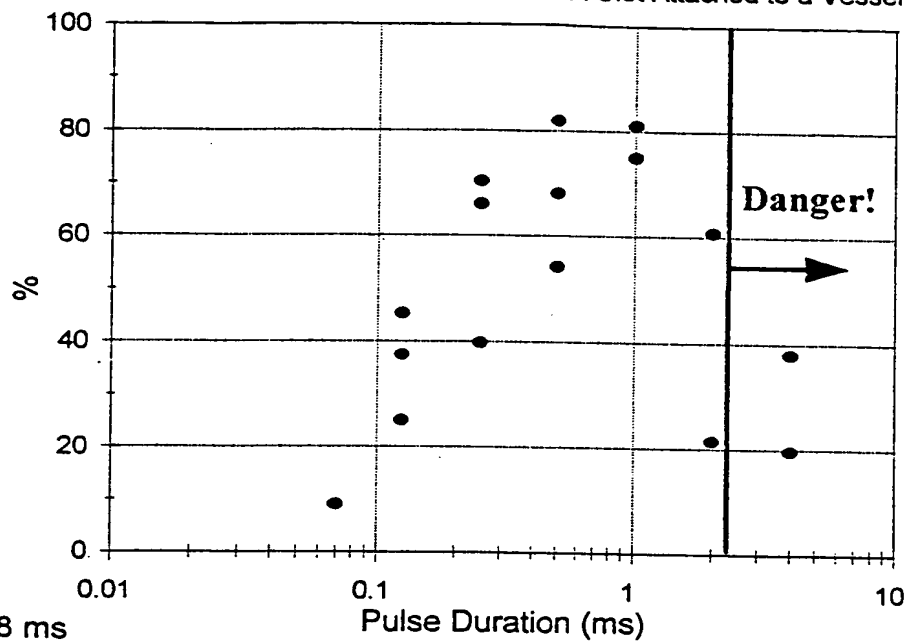


Duty Cycle(T/t)=8
Intensity=1300w/cm²

FIG. 7

Percentage of Clot Mass Dissolution as a Function of Pulse Duration

A Clot Attached to a Vessel Wall



T=8 ms
I = 1300w/cm²

FIG. 8

Rate of Clot Mass Dissolution
as a Function of Intensity at Focal Area

A Clot Attached to a Vessel Wall

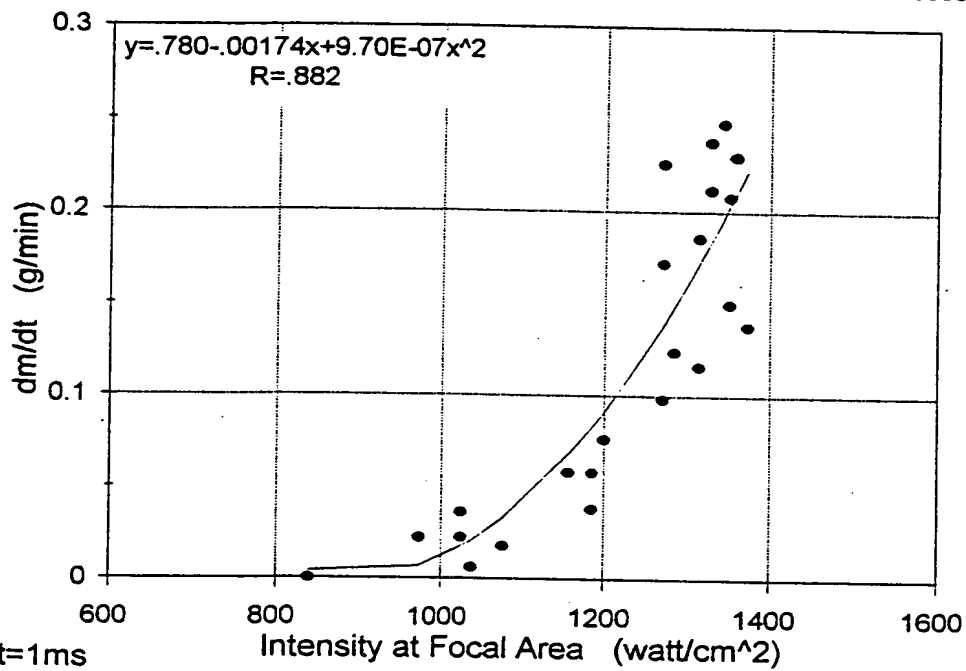


FIG. 9

1. The first step in the process is to identify the problem or issue that needs to be addressed. This involves gathering information and understanding the context of the situation.

2. Once the problem is identified, the next step is to define the objectives and goals of the project. This helps to clarify what needs to be achieved and provides a clear direction for the team.

3. The third step is to develop a plan or strategy to address the problem. This involves breaking down the problem into smaller, manageable tasks and determining the resources and timeline needed to complete them.

4. The fourth step is to implement the plan. This involves putting the strategy into action and monitoring progress regularly to ensure that the project is on track.

5. The final step is to evaluate the results of the project. This involves assessing the outcomes against the objectives and goals, identifying any lessons learned, and determining the next steps for future projects.

[illegible]

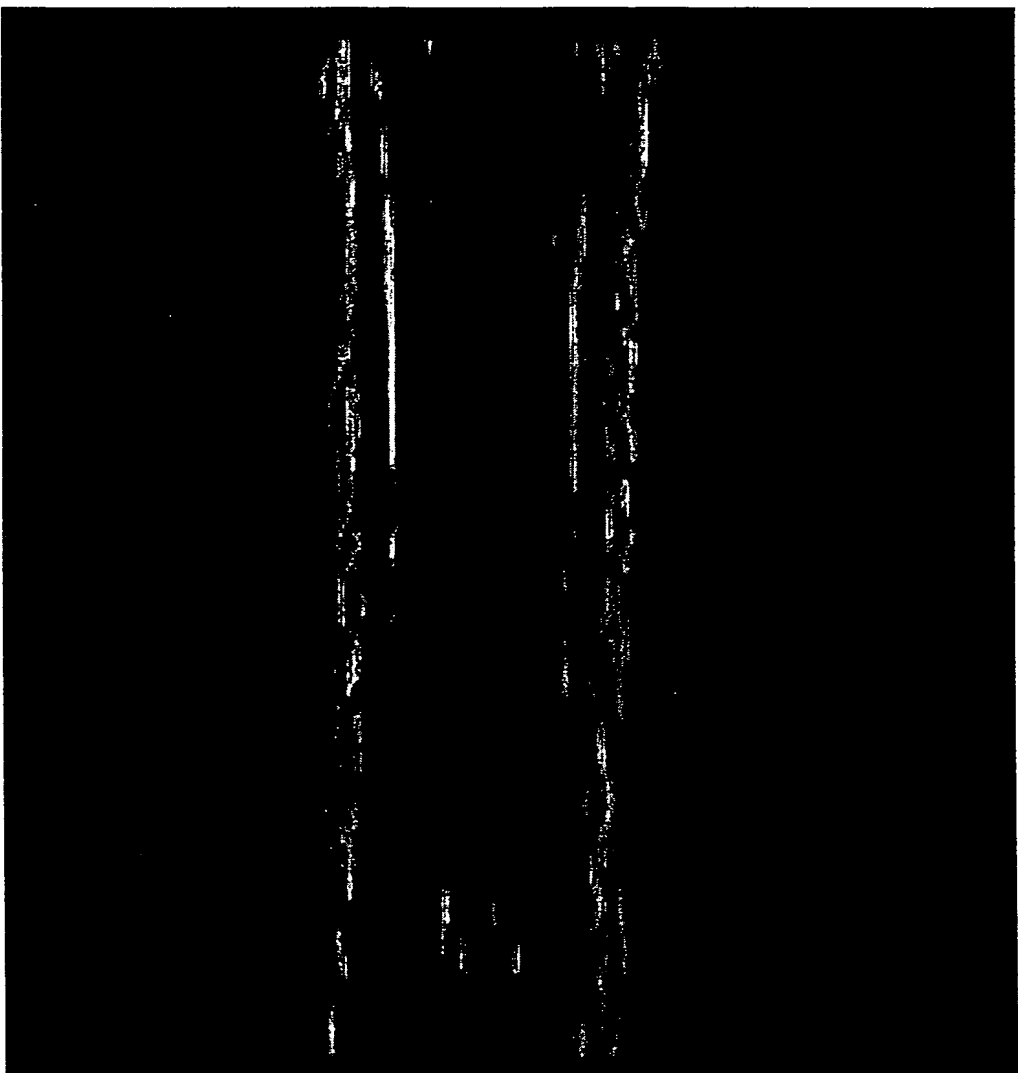
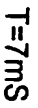


FIG. 10B

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**Degassed &
Non-Degassed Buffer**



F/G. 11

**Degassed &
Non-Degassed**



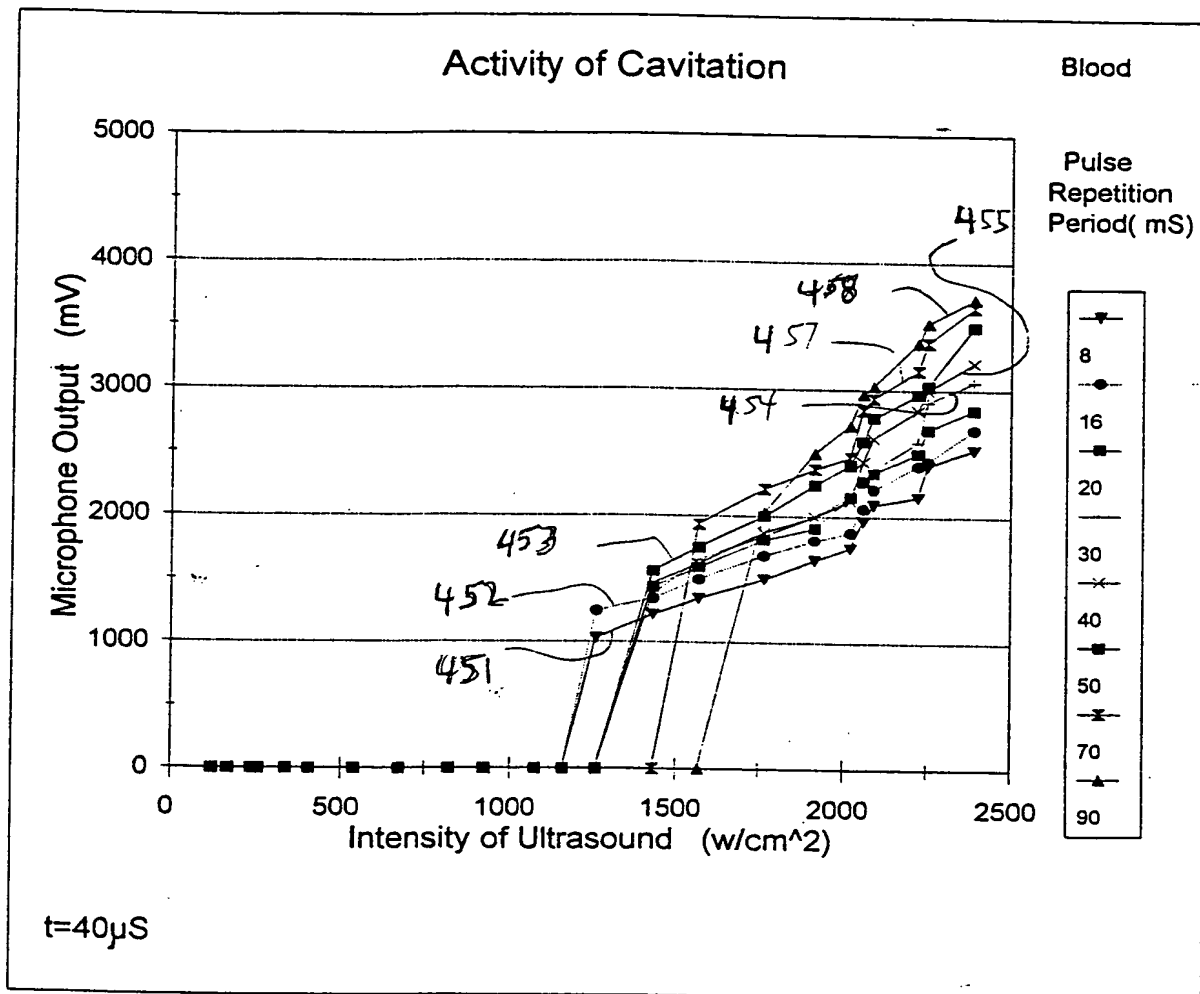


FIG. 13

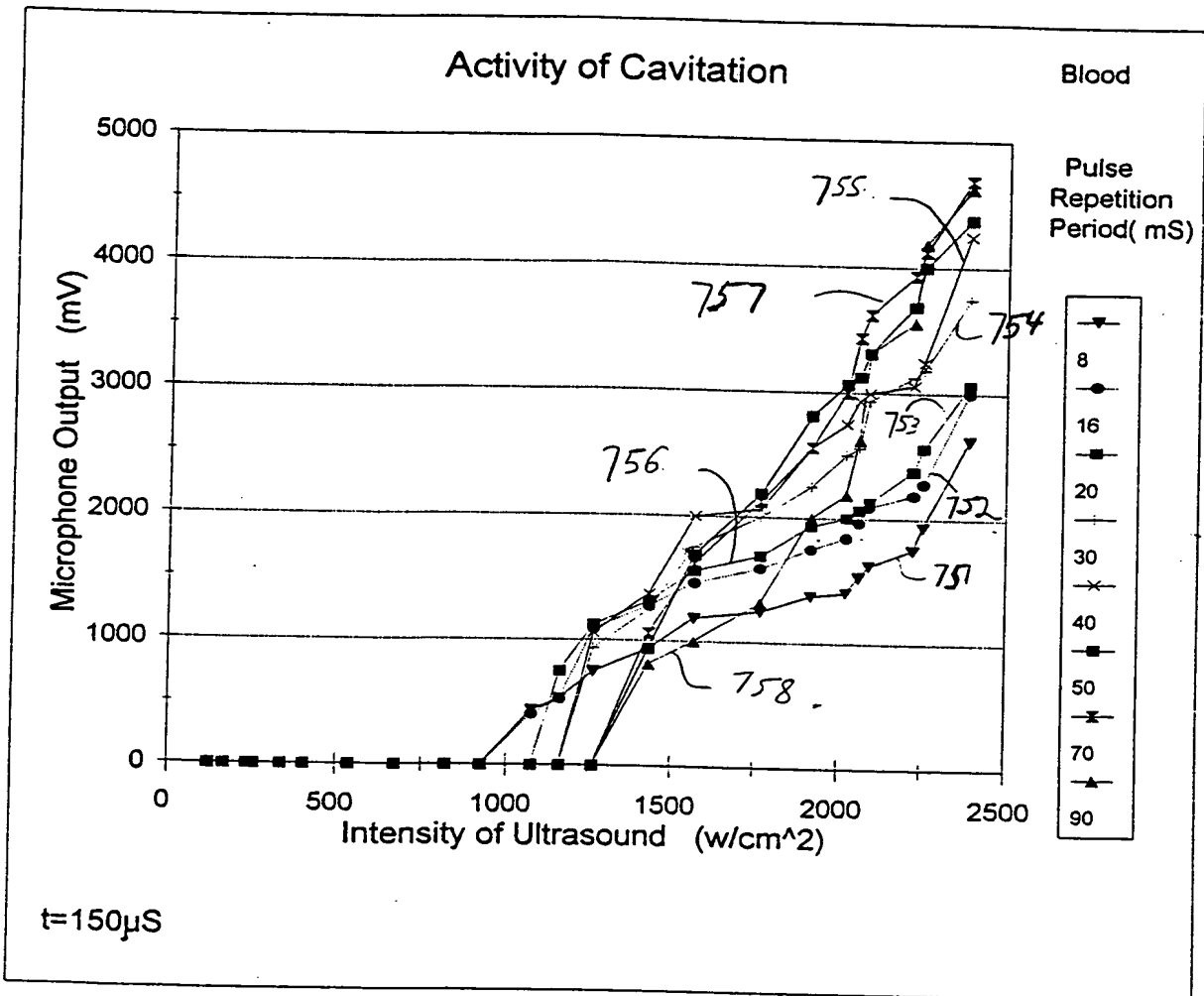
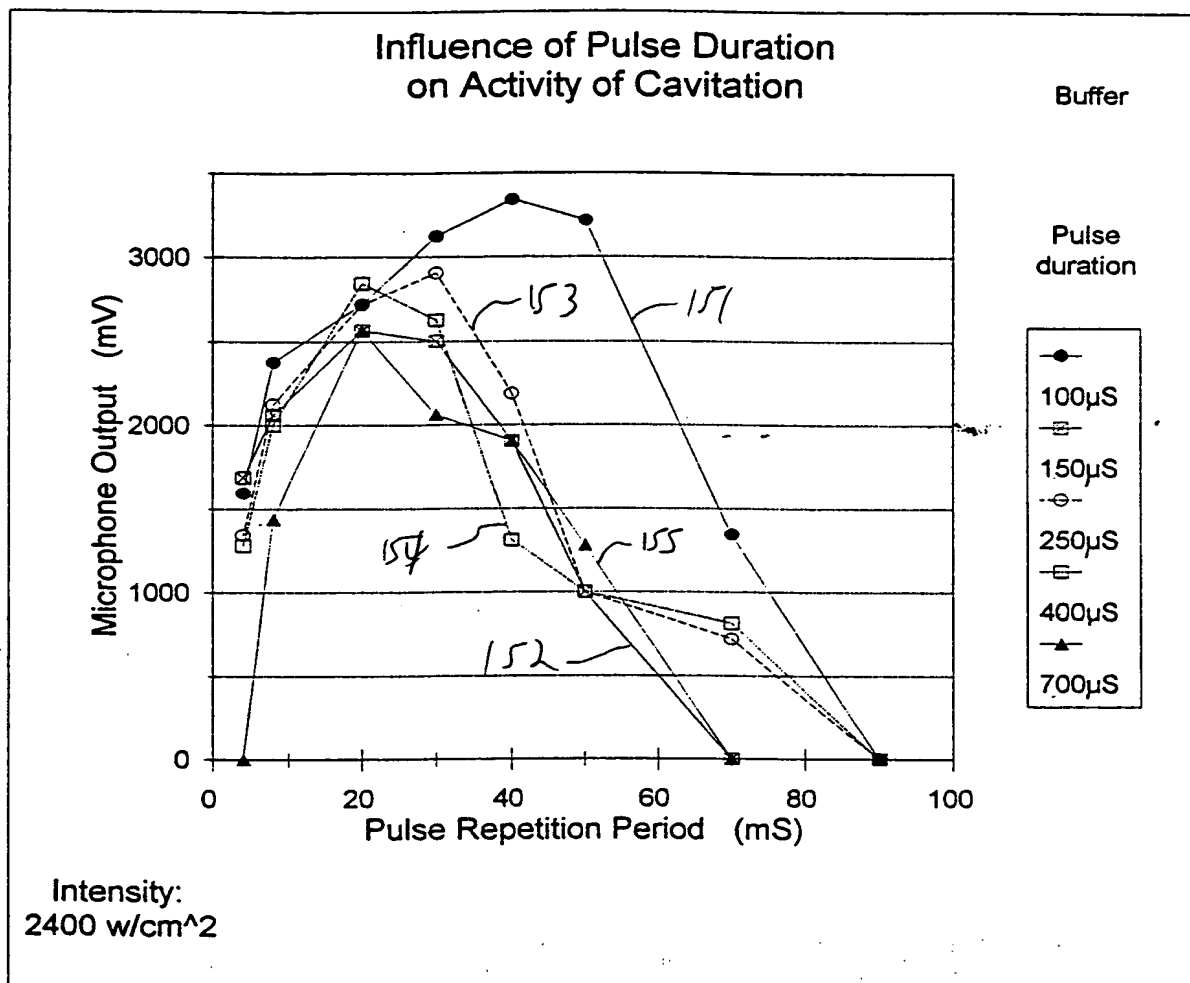


FIG. 14



F16. 15

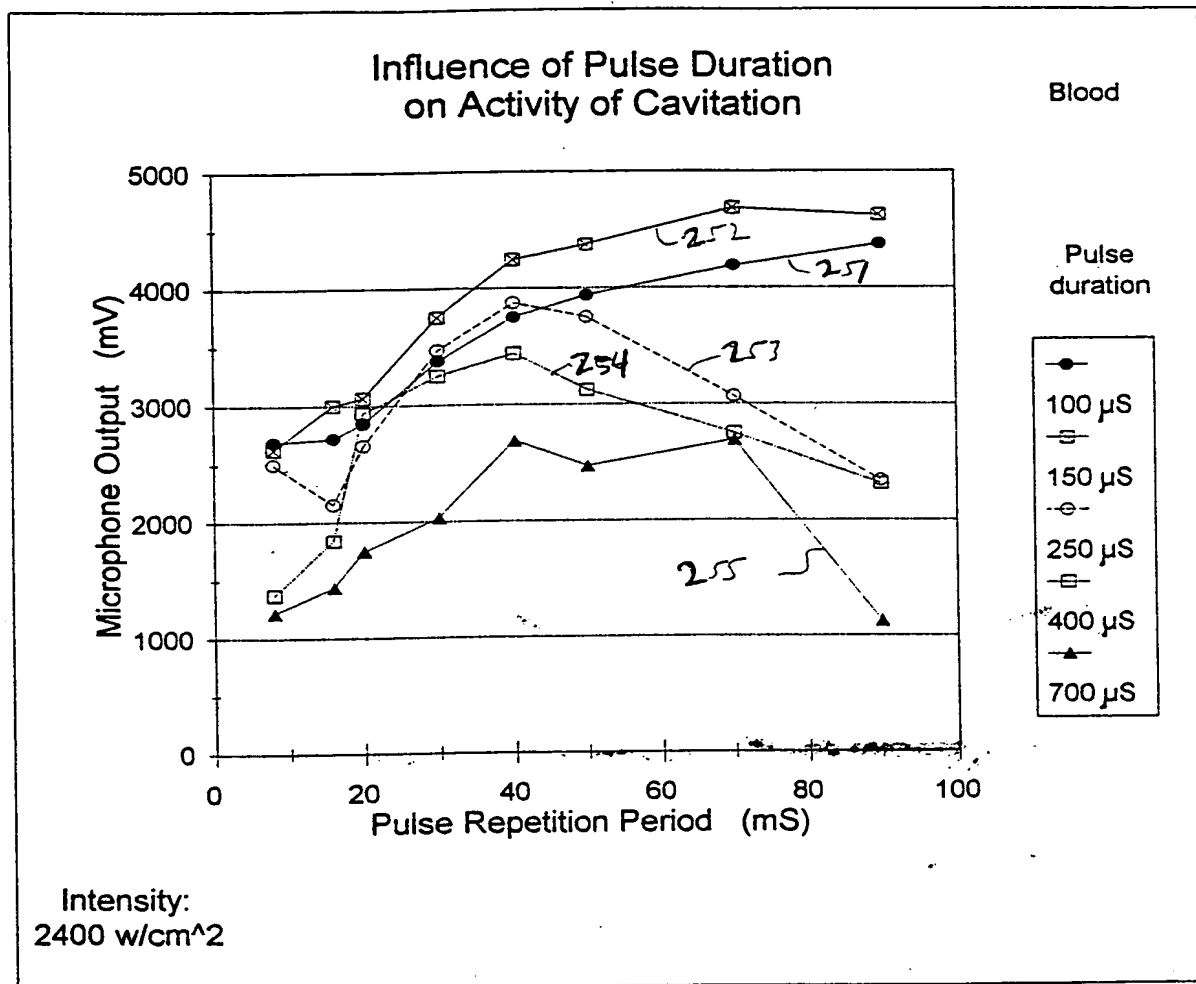
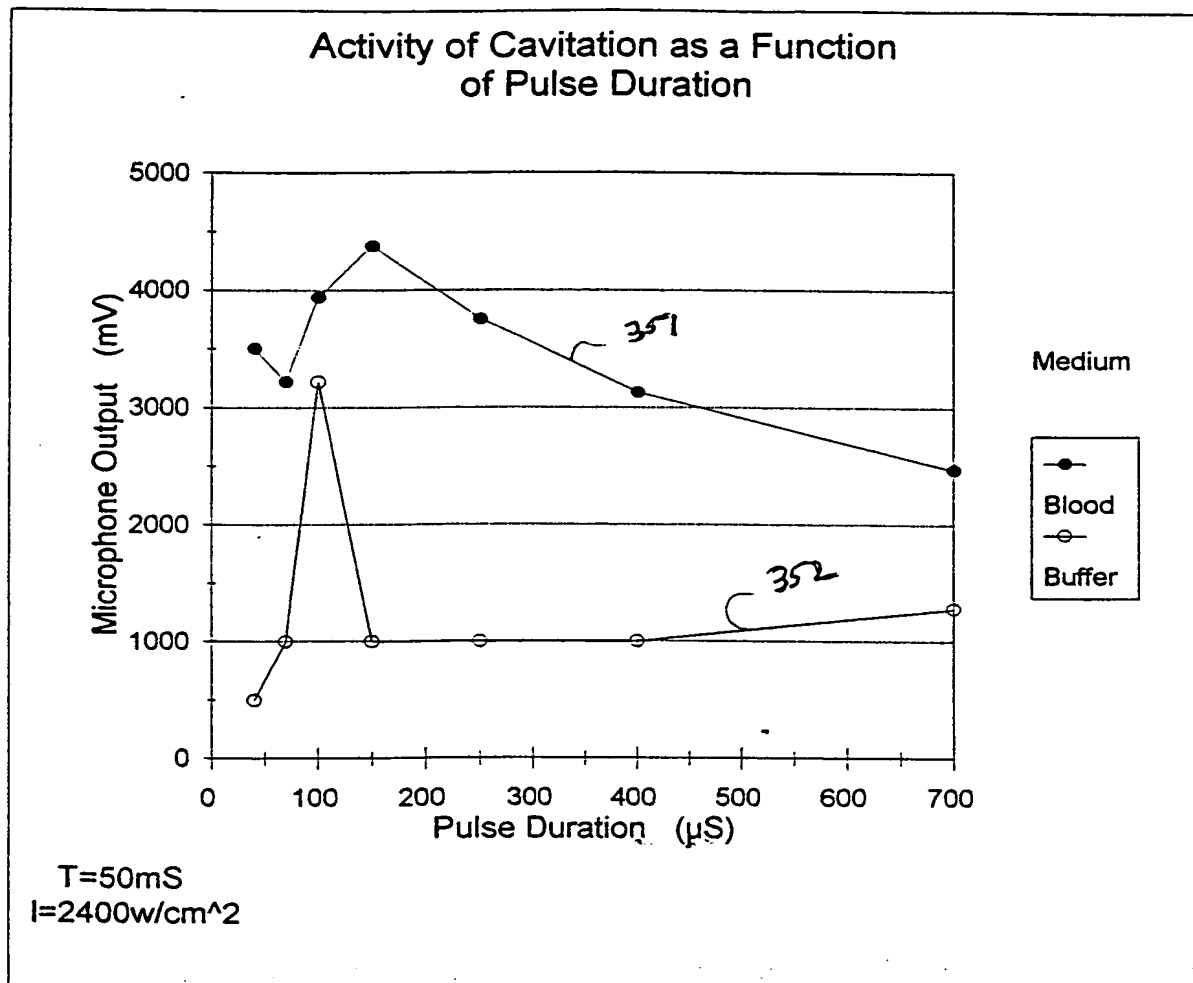


Fig. 16



F16.17

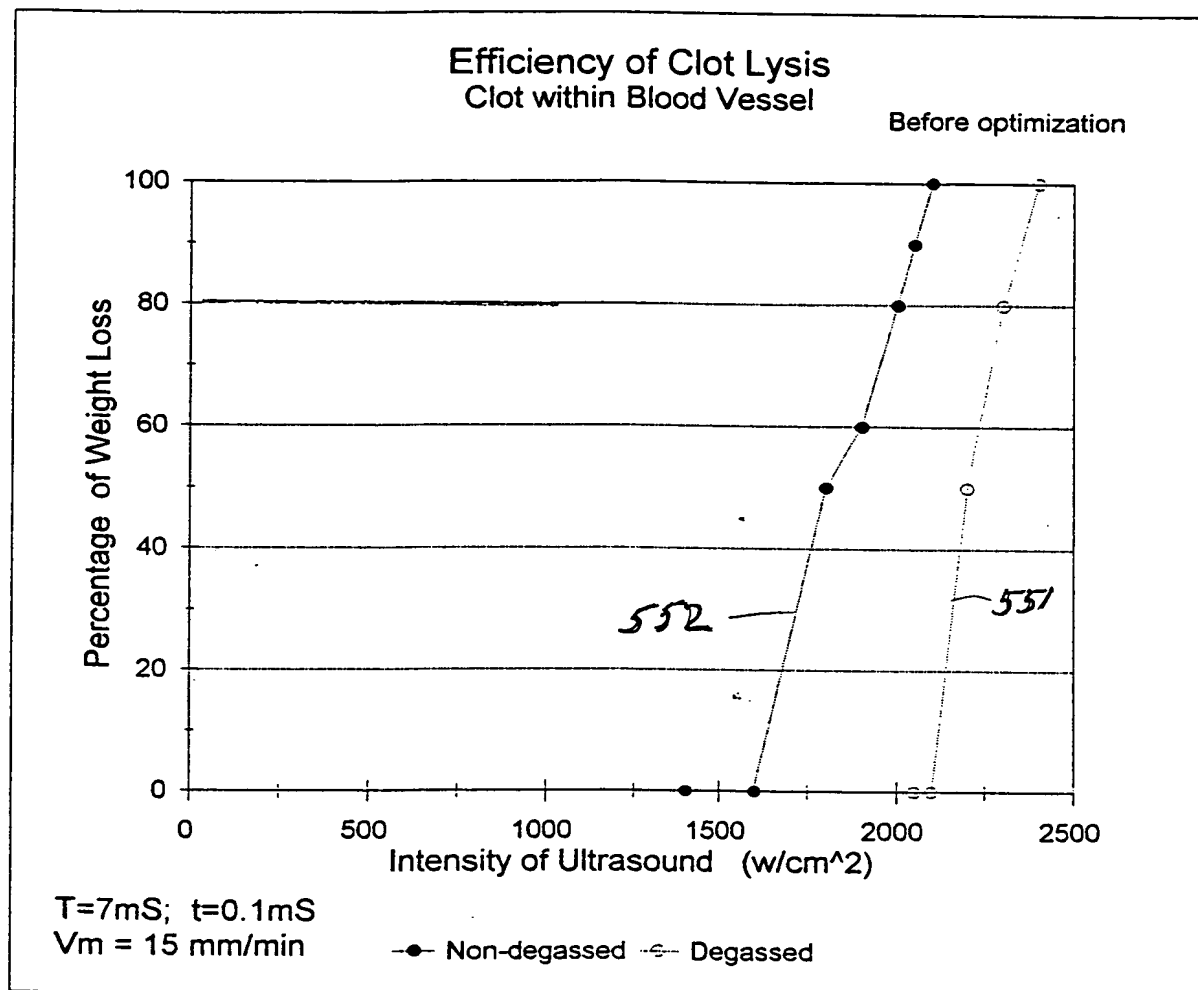


FIG. 18

Search for optimum time parameters of pulsed mode sonification

Clot within blood vessel

FIG. 19A

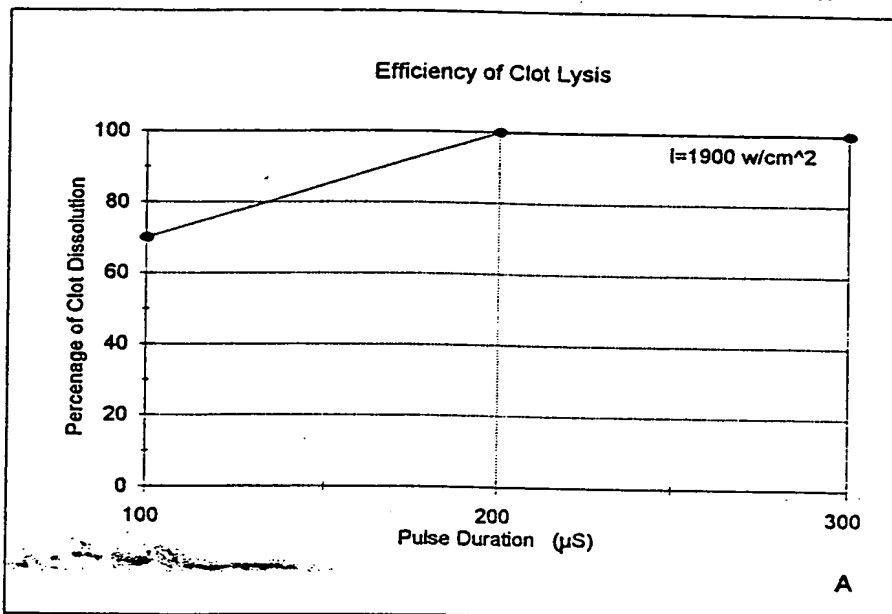
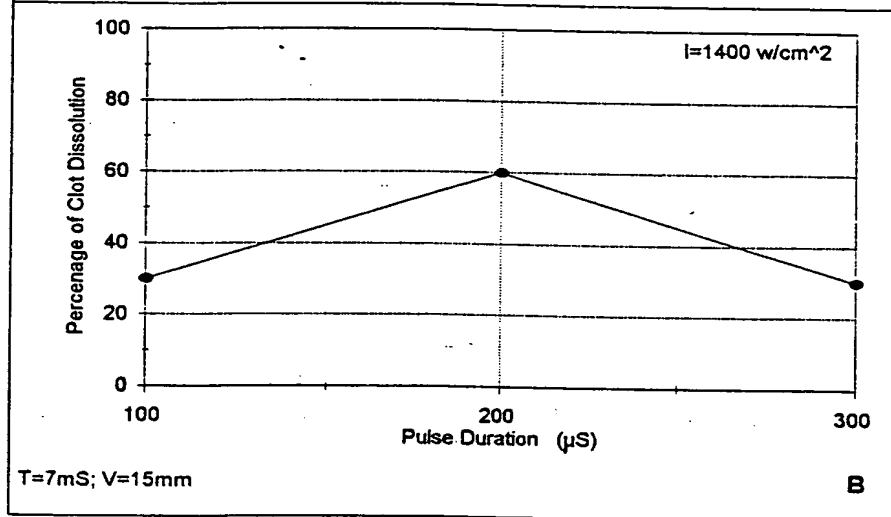


FIG. 19B



Search for optimum time parameters of pulsed mode sonification

Clot within blood vessel

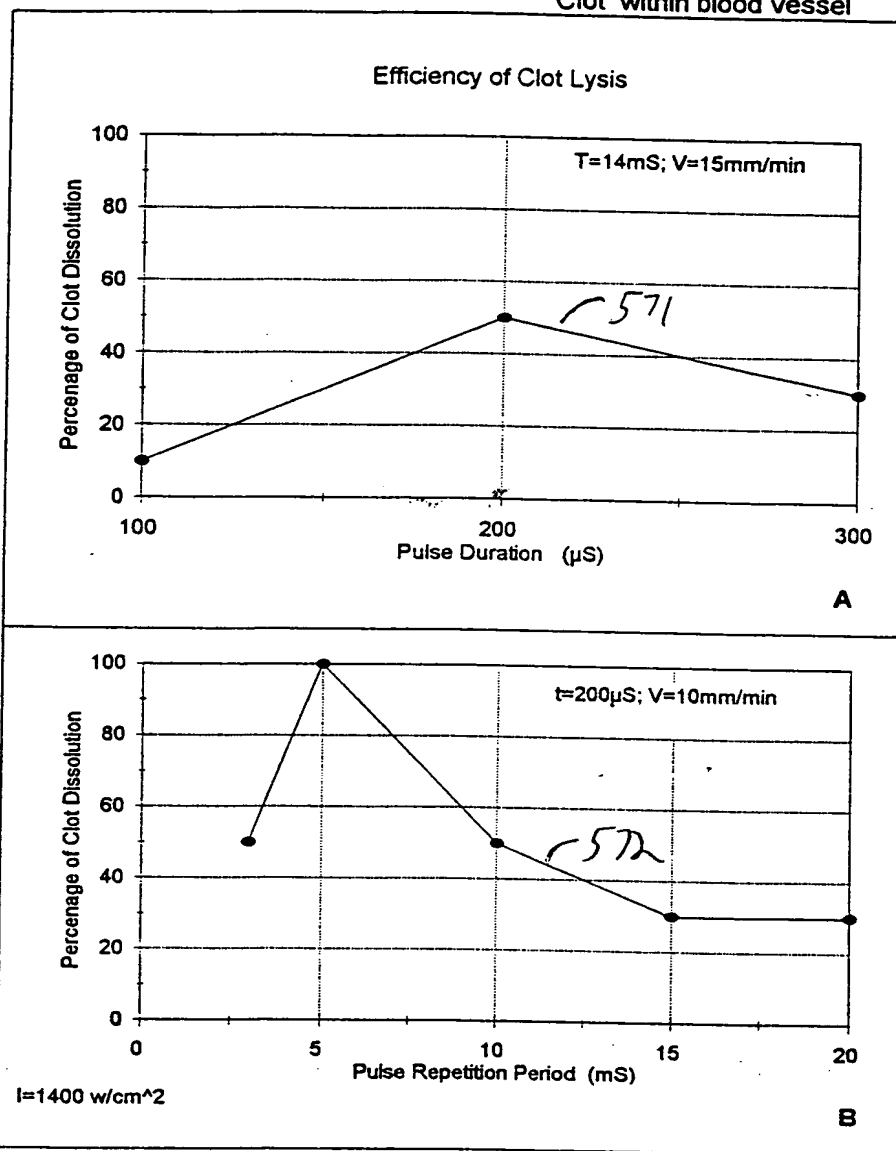


FIG.
20A

FIG.
20B

Search for optimum time parameters of pulsed mode sonification

Clot within blood vessel

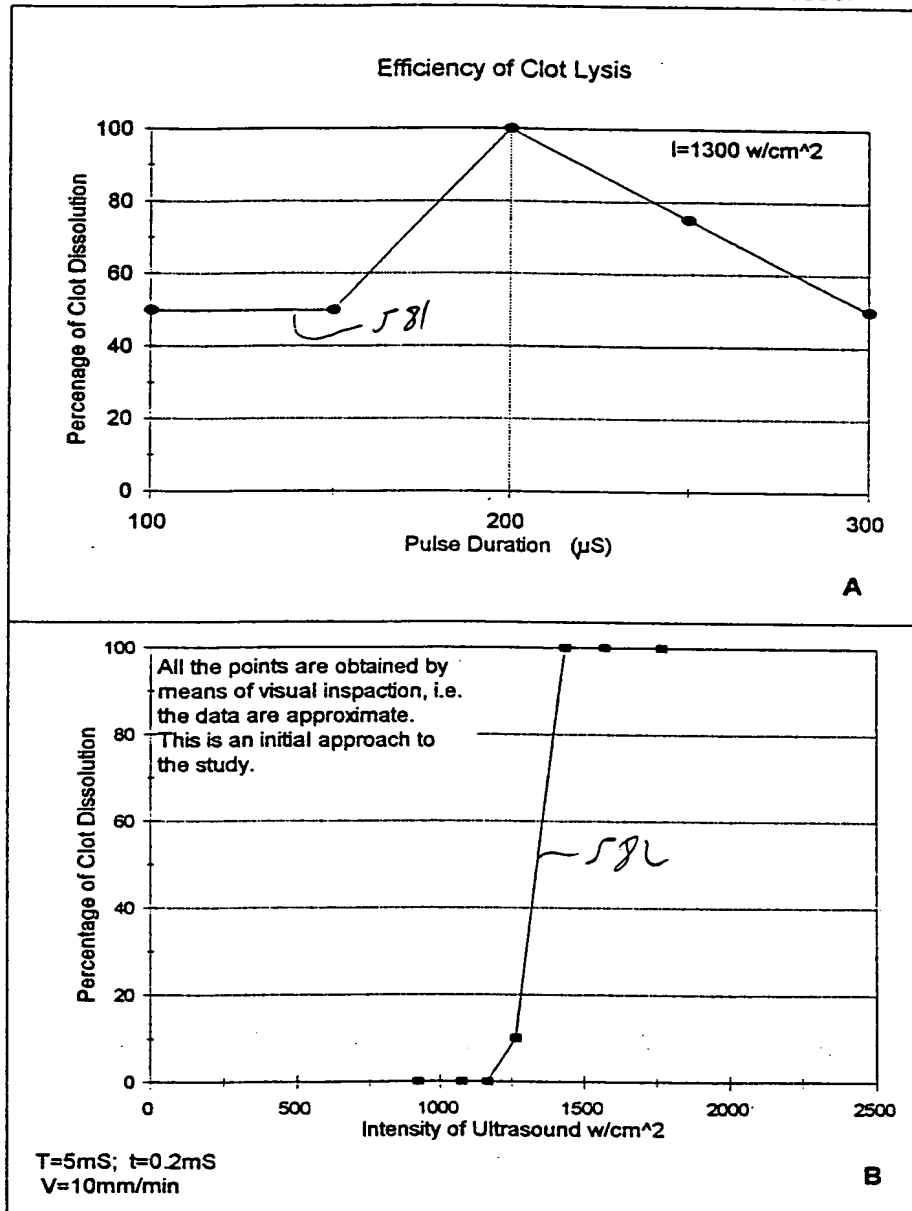


FIG. 20C

FIG. 21

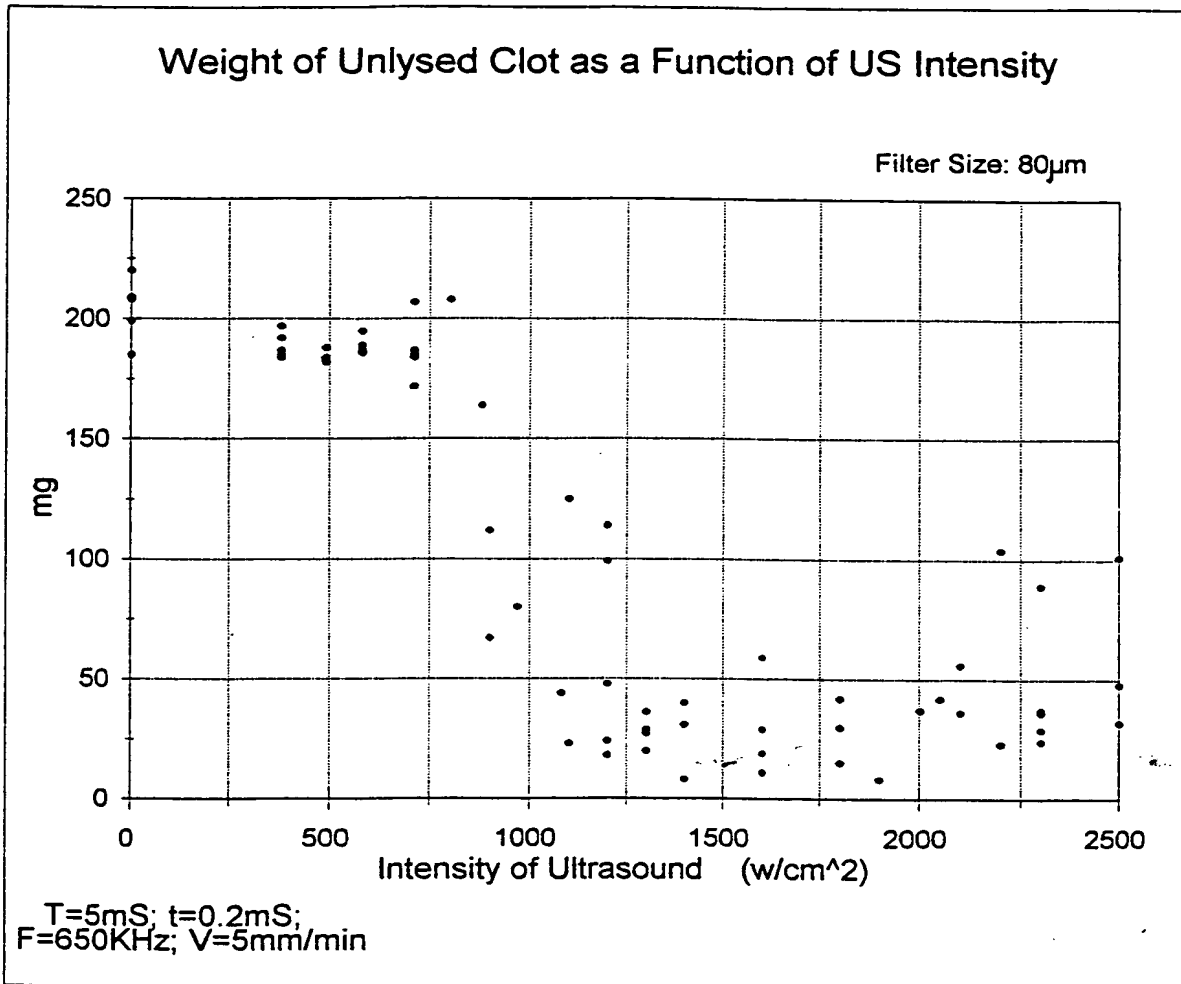
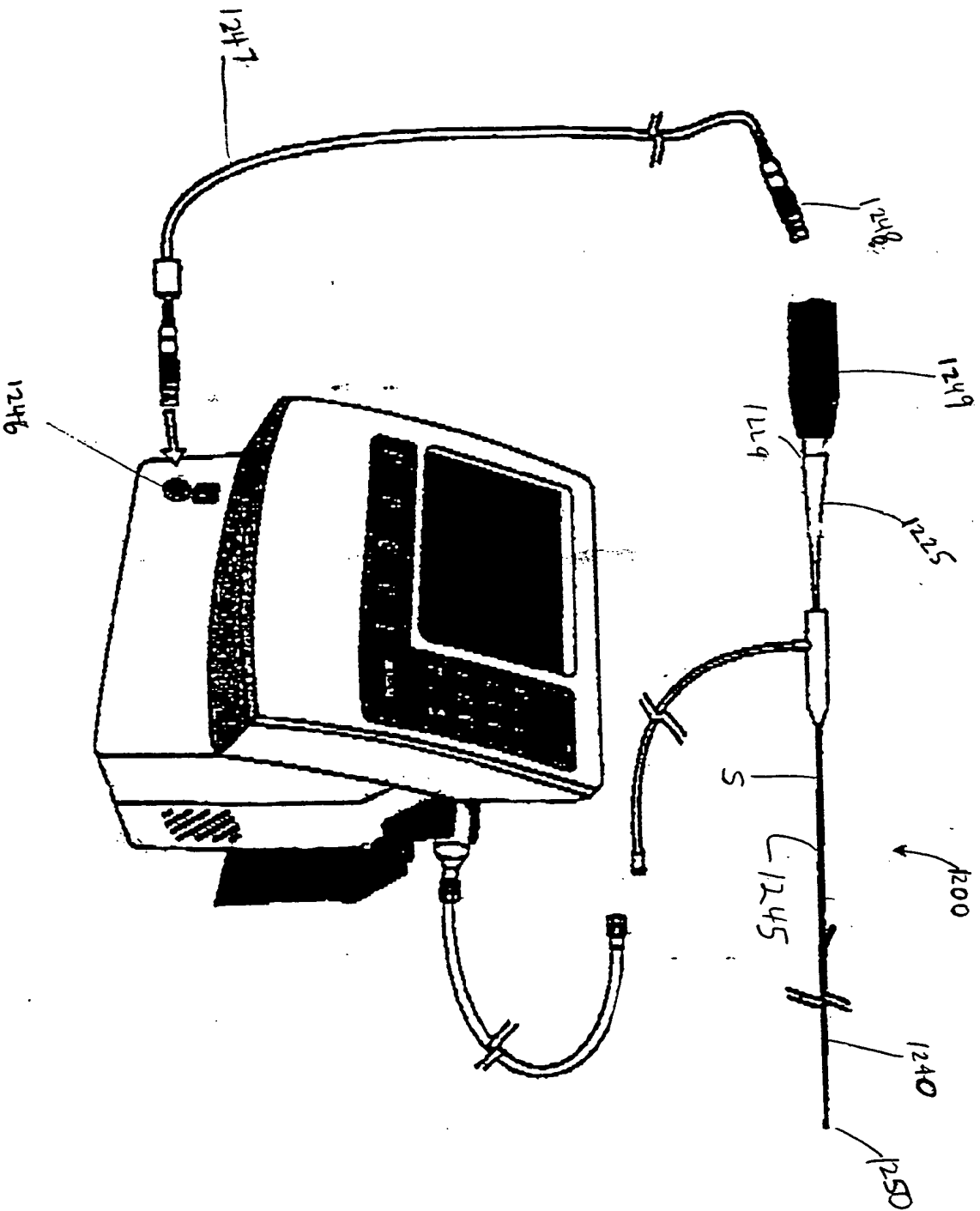
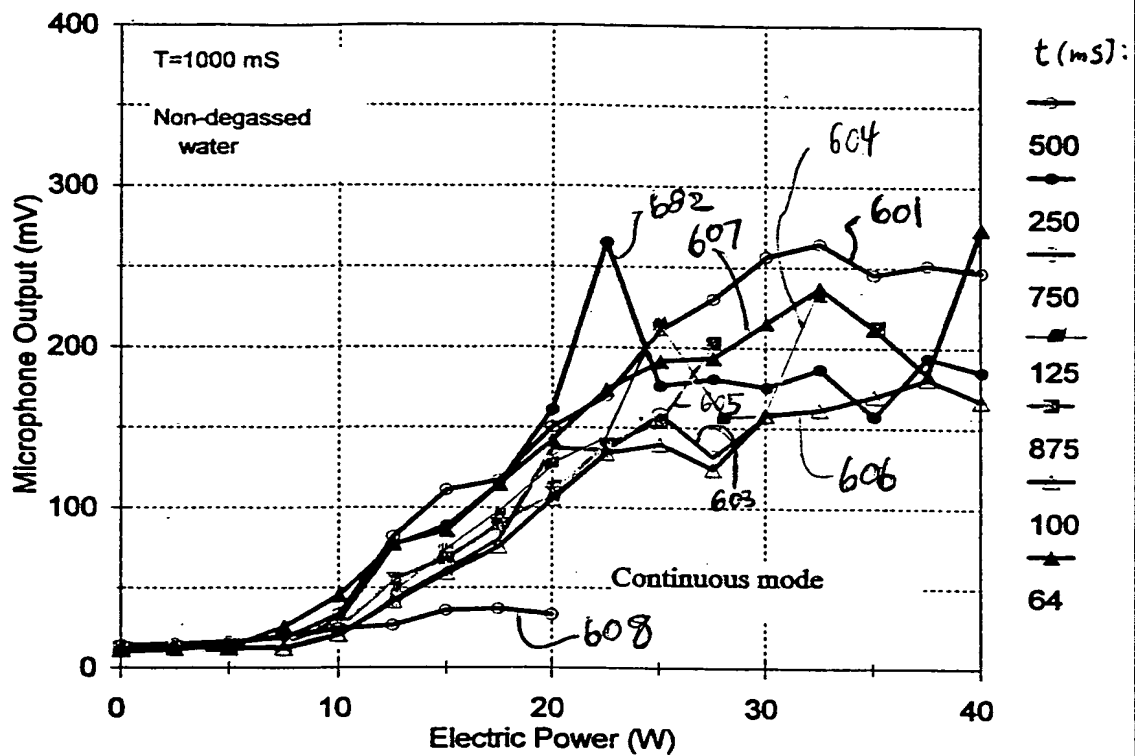


FIG. 22

FIG. 23

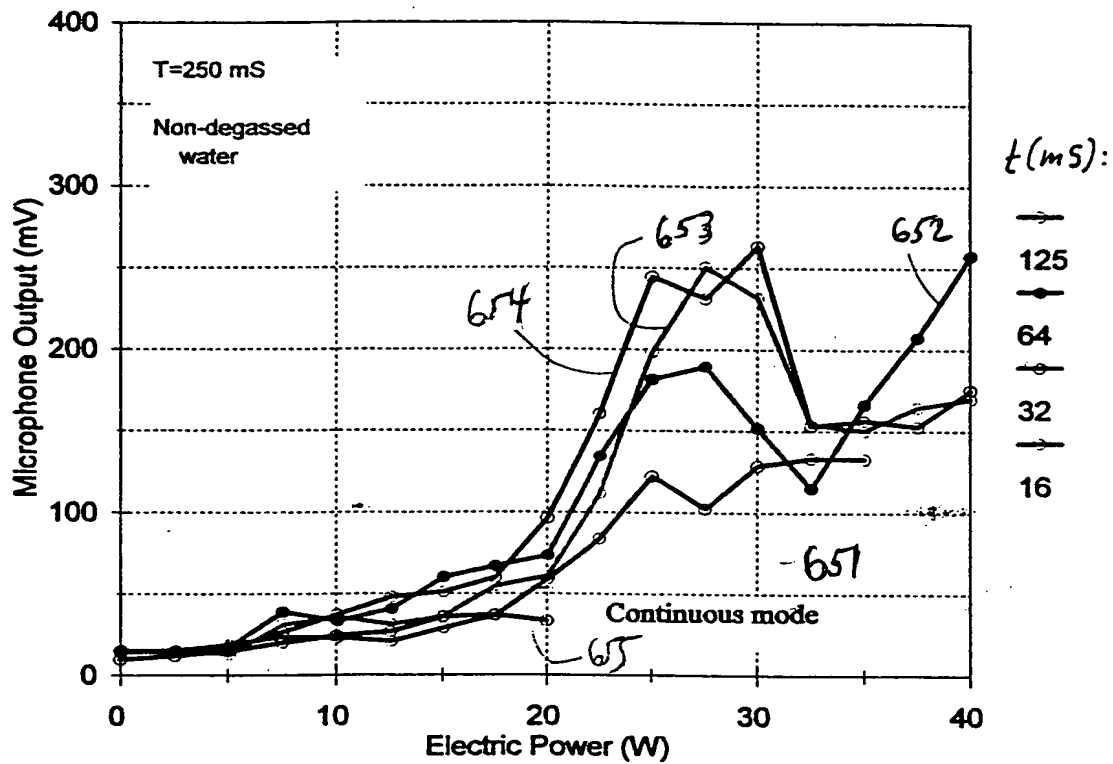


Violence of Cavitation as a function of Power supplied to the Transducer



F16.24

Violence of Cavitation as a function of Power supplied to the Transducer



F16. 25

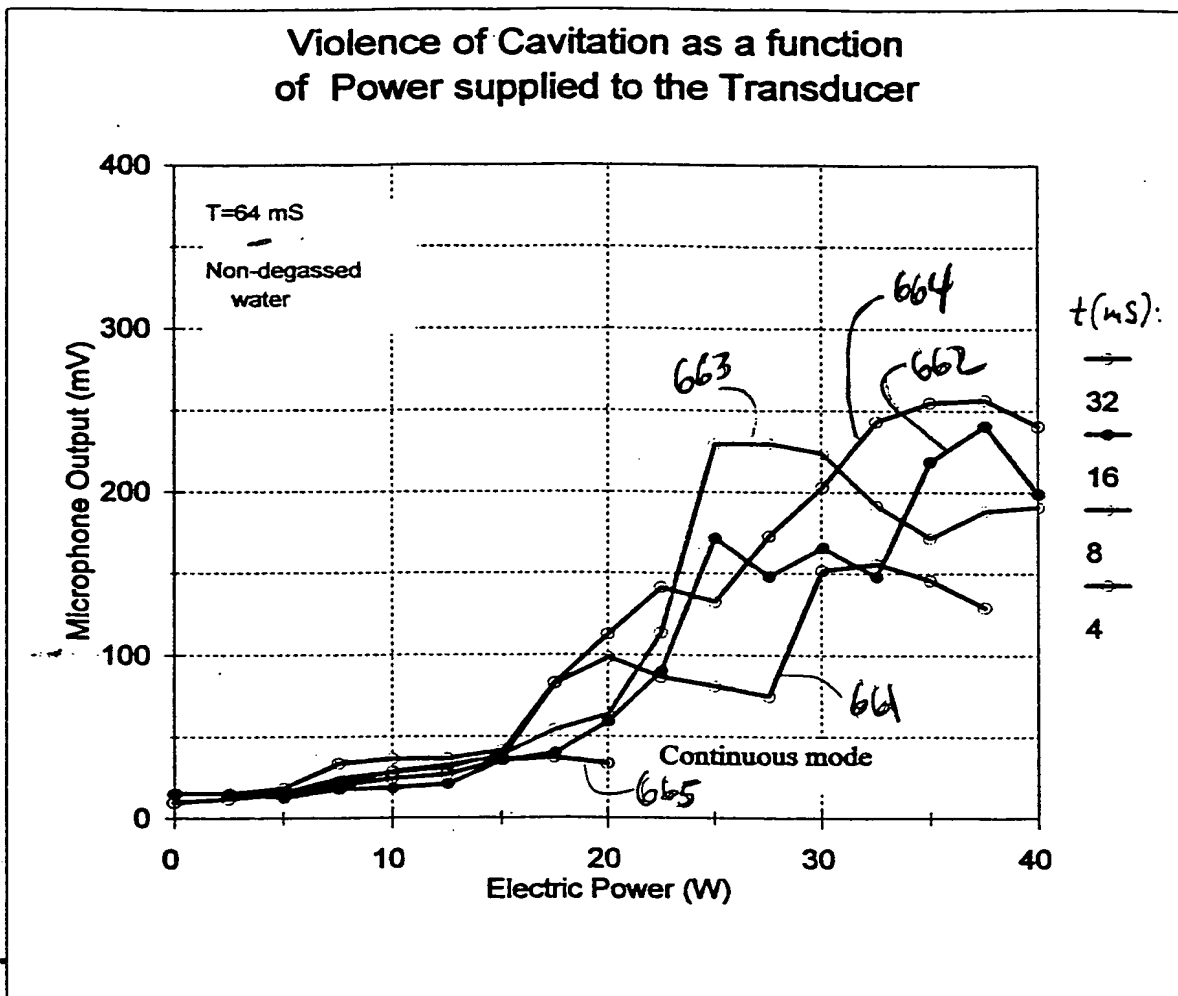


FIG. 26

Violence of Cavitation as a function of Power supplied to the Transducer

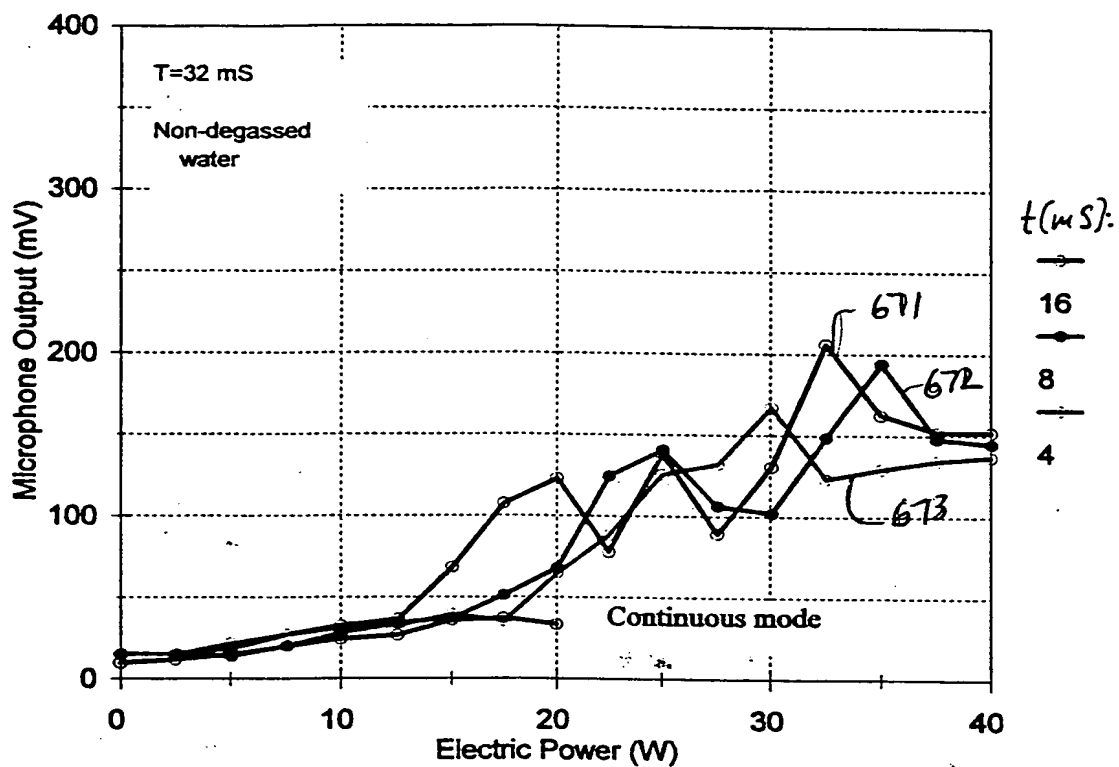


FIG. 27

Place here your company name
 Address
 Town

CHI °C
 52.68
 DC

TRANSIENT RECORDER CH 1

Continuous Wave 18 watt
 10 ml/min

Cooling On (10ml/min)
 Power On (18w, Continuous)

683
 Power Off
 Cooling Off

685
 Cooling On

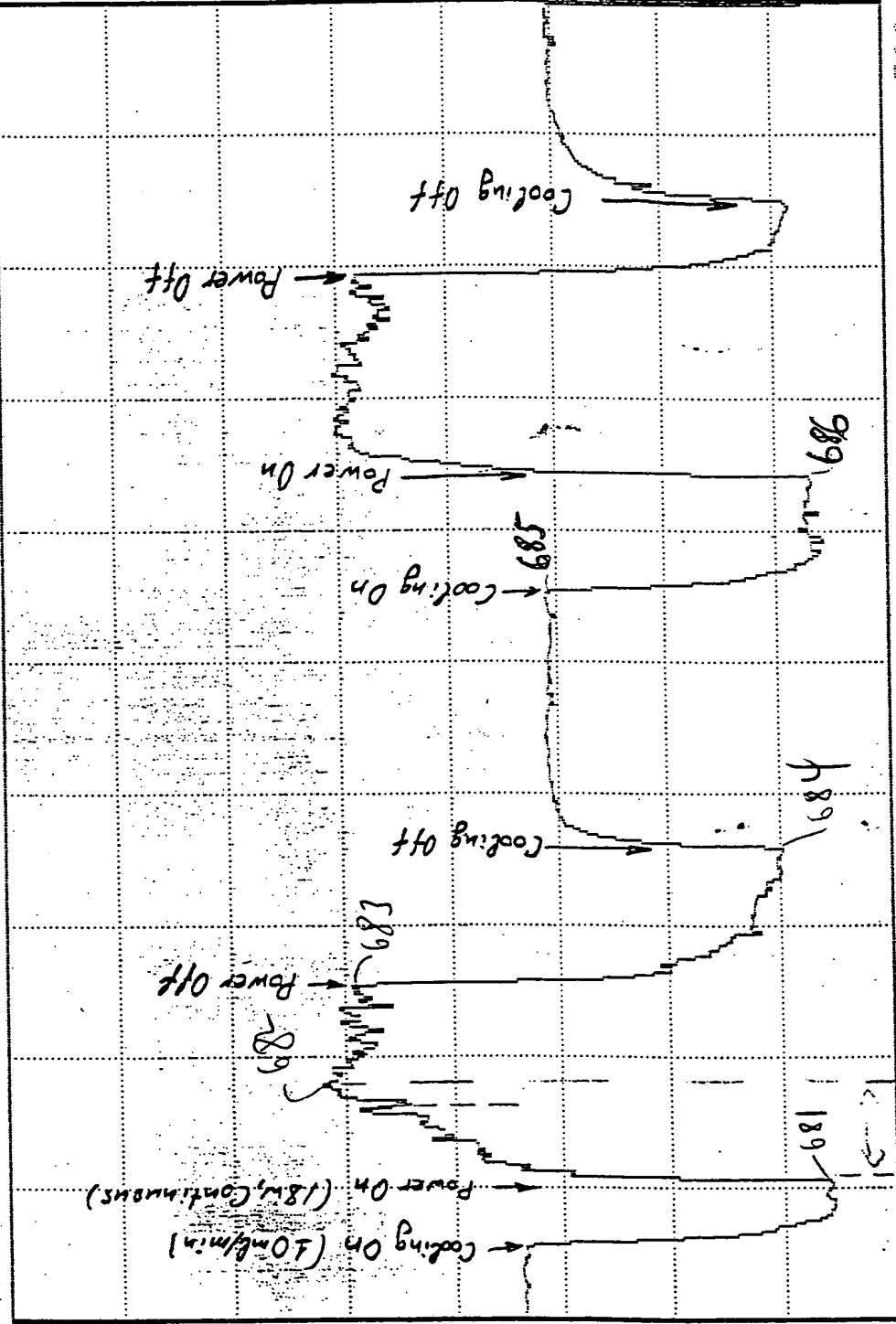
Power On

Cooling Off

681

684

686



23.41 27.07 30.73 34.39 38.04 41.70 45.36 49.02 52.68 DC

125 250 375 500 SAMPLE

SAMPLING TIME : 2.40 sec.
 NO. OF SAMPLES : 3000

F/6.28

(A)

De
T1

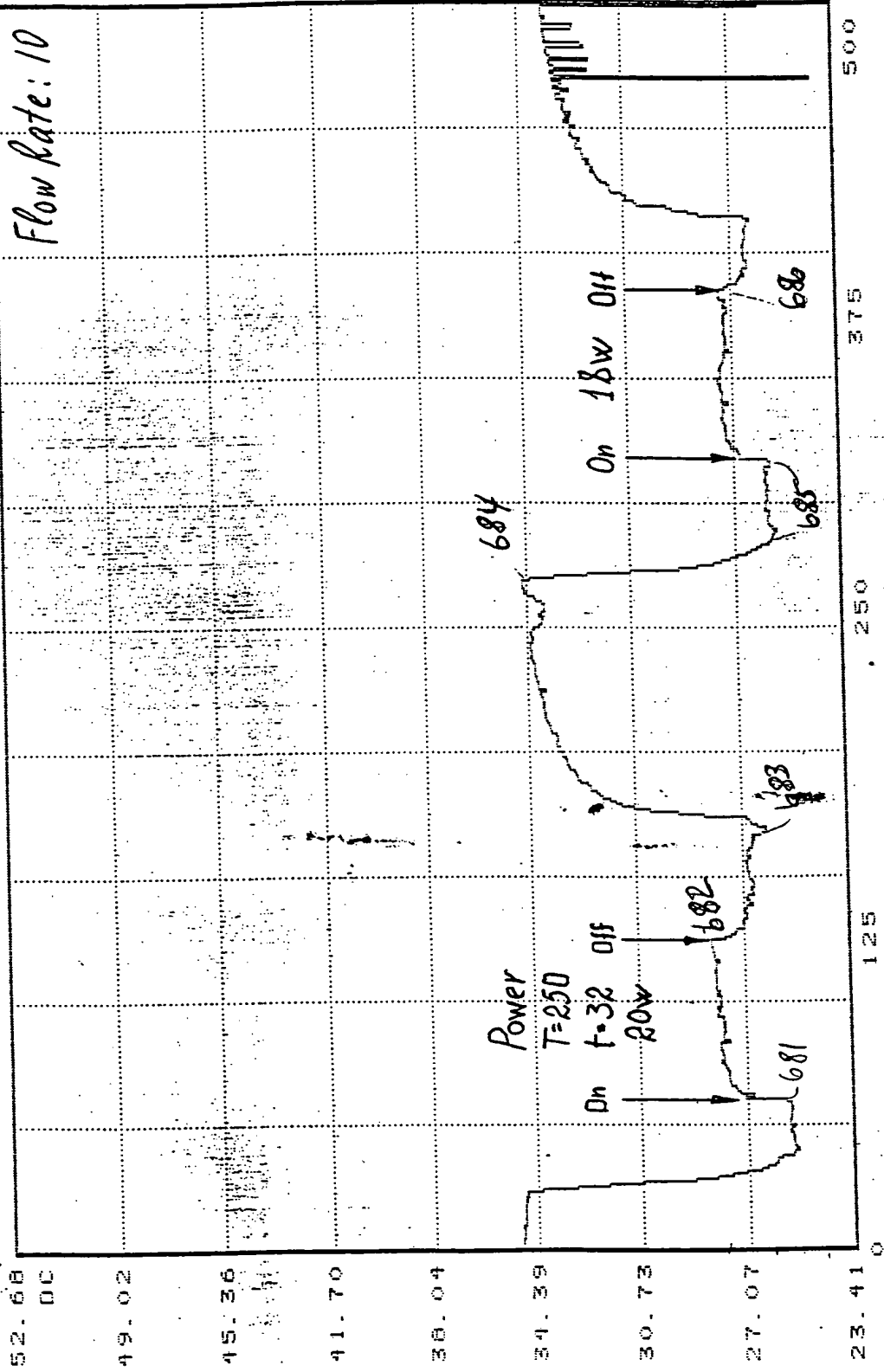
Place here your company name
Address
Town

Duty Cycle = 8 (32/250)

Flow Rate: 10 ml/min

TRANSIENT RECORDER CH 1

CH1 °C
52.68
DC



SAMPLING TIME : 2.40 sec.
NO. OF SAMPLES : 499

F16.29

WORLD PAPER CO.

Place here your company name

Address

Town

your tel. no.

your fax. no.

your telex no.

TRANSIENT RECORDER CH 1

Duty Cycle = 16 (16/250)

Flow Rate = 10 ml/min

CHI °C

52.68

DC

49.02

45.36

41.70

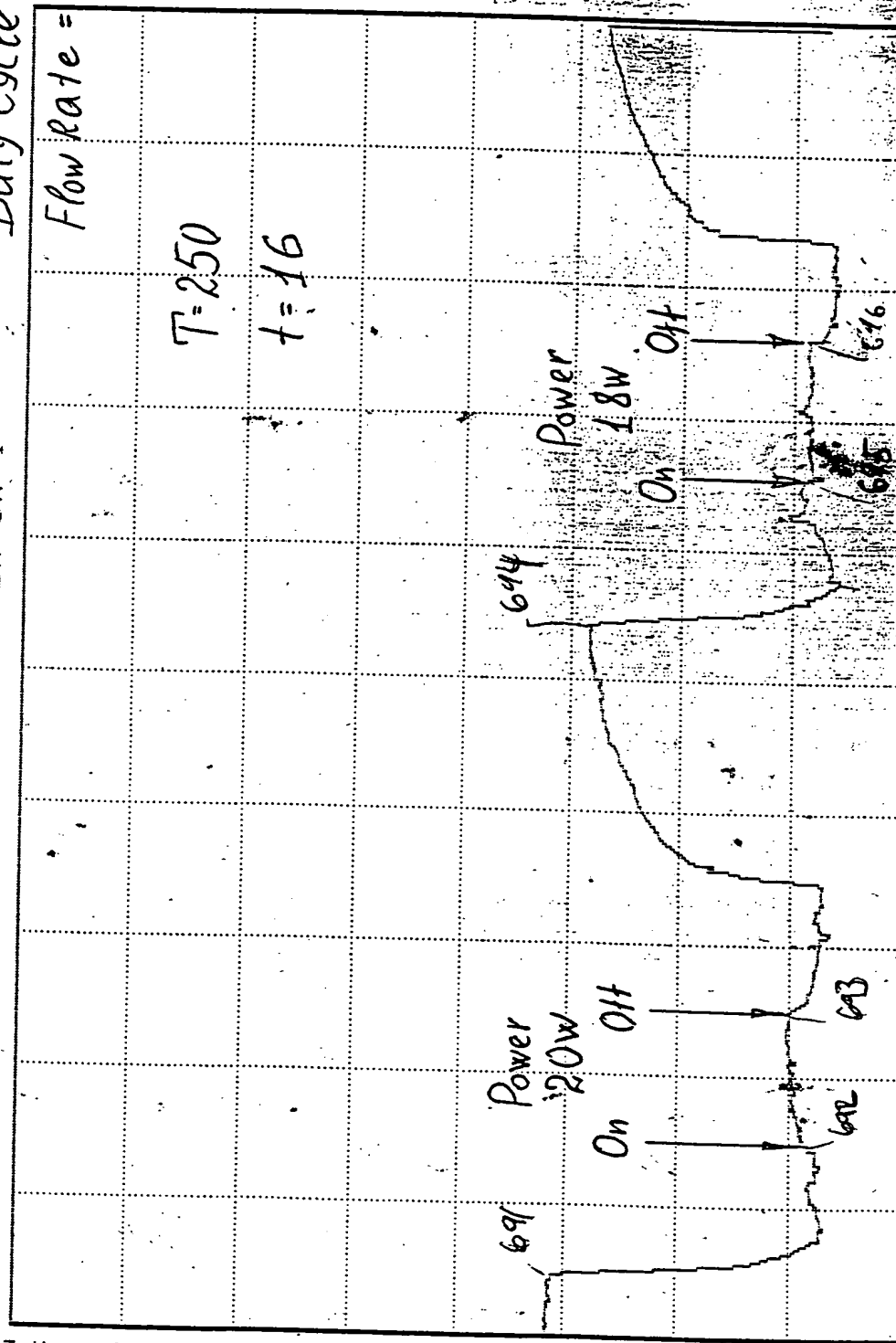
38.04

34.39

30.73

27.07

23.41



500 SAMPLE

375

250

125

0

SAMPLING RATE: 2.40 sec
NO. OF SAMPLES: 499

F/G 30